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Can. Pat. No. 758.

Prospectus

Princess... Gold Mining Co. of Ontario, Limited

Rat Portage
Mining District

Head Office
Toronto, Ont.

TN414

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PRINCESS GOLD MINING CO. OF ONTARIO, Limited.

NON-PERSONAL LIABILITY.

Incorporated under the Ontario Joint Stock Companies Act and the Mining Act of 1894.

CAPITAL \$500,000

DIRECTORS:

EWEN MACKENZIE (Toronto Railway Co.) *President*

JOHN FLETT, Wholesale Merchant, *Vice-President*

HENRY O'BRIEN, Barrister HENRY LOWNDES, Wholesale Merchant

THOMAS SHORTISS, Esq.

FINANCIAL AGENTS AND STOCK TRANSFER OFFICE:

THE ANGLO-CANADIAN MINING EXCHANGE, (Ltd.), Room 106, McKinnon Building, Toronto.

SOLICITORS:

ROBINSON, O'BRIEN & GIBSON, 74 Church St., Toronto

BANKERS:

THE BANK OF TORONTO

SECRETARY:

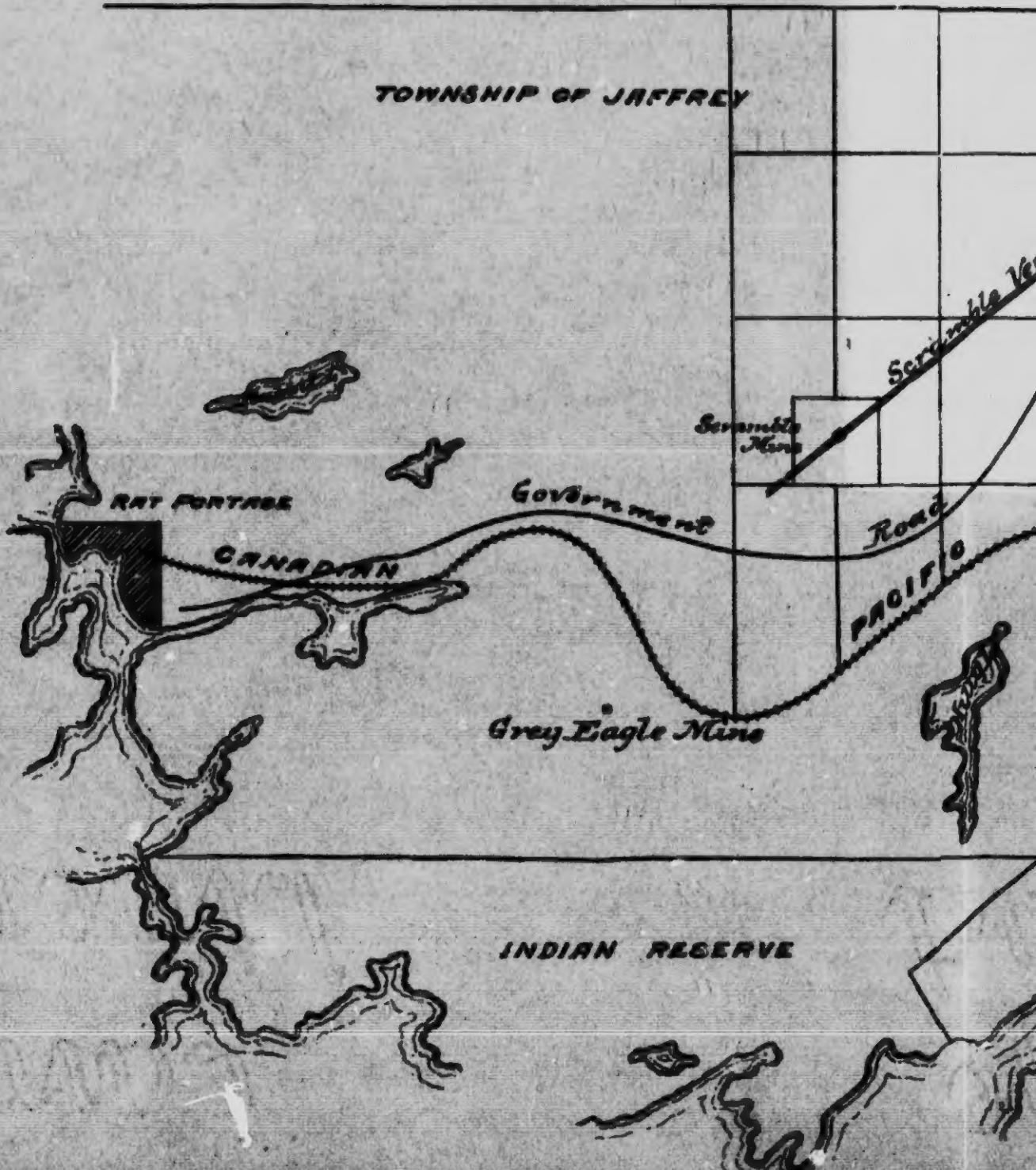
J. R. MCKENZIE, Room 106, McKinnon Building, Toronto

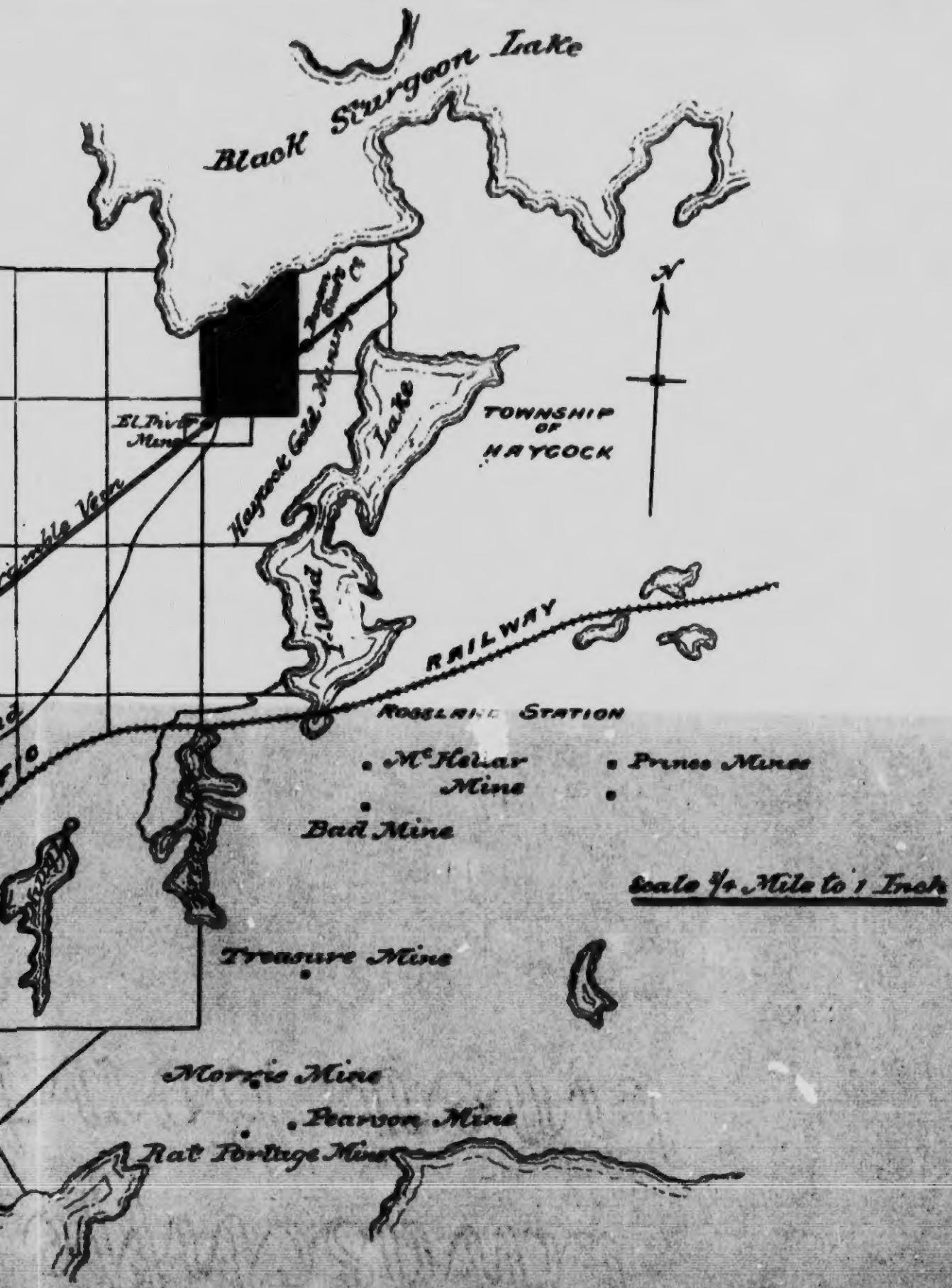




1960-1961
1961-1962

PLAN SHOWING LOCATION OF THE PRINCESS MINE.





PLAN SHOWING LOCATION OF THE
PRINCESS MINE



FINANCIAL.

The Capital of \$500,000 consists of 50,000 Shares of NON-ASSESSABLE Stock of \$10.00 each.

15,000 Shares are Treasury Stock, to be used for development, erection of buildings, purchase of machinery, paying balance of purchase money, and for such other purposes as may be in the general interest of the Shareholders.

Of this Treasury Stock 10,000 Shares are now offered to the public for a short time at 25c. on \$1.00.

It will require about \$10,000 to open up the shafts and produce ore for crushing, and about \$10,000 more will be required for machinery, buildings, etc., next spring. When this is done it may reasonably be expected that the mine will be upon a paying basis.

The capitalization has been kept low and the dividend earning power will be correspondingly great. The American plan would have been to capitalize such a property as this at about \$2,000,000 and sell stock 7 to 10c., but the owners preferred to put the price at a sum which may reasonably be supposed to be within its value when developed.

THIS STOCK IS NON-ASSESSABLE BY STATUTE.

THE LOCATION AND ITS SURROUNDINGS.

THE PRINCESS Mine is situated on Location 118 D, on Black Sturgeon Lake, $2\frac{1}{2}$ miles north of Rossland Station on the C.P.R., and $7\frac{1}{2}$ miles from Rat Portage, to which there is a good road from the Mine, and water communication from Rossland.

Our information as to this property (consisting of 153 acres) is derived from the reports hereinafter appearing.

Accessibility. The accessibility of this and other mines in the Rainy River district, and the richness of the ore and its free milling qualities, which make it so easy of reduction, are now attracting the attention of capitalists to the mines of Ontario, in preference to the more expensive and inaccessible mines of British Columbia.

Adjoining Mines. Adjoining the PRINCESS Mine to the north-east, and only 250 feet distant, is the Benson shaft, 35 feet deep, on the Haycock Mine. This mine has just been sold for a large sum, and a company is being formed for its development.

Immediately to the south-west of the PRINCESS is the El Divir Mine, on which is a shaft 60 feet deep, situated close to the south-western line of the PRINCESS.

These shafts show exactly the same quality of ore as that taken from the famous Scramble Mine, which Mr. Williams (see p. 9) puts at the conservative average of \$30 per ton, but which appears by a report of Mr. Halstead, manager of the Scramble, to show \$64, the lowest grade being \$12.60.

THE ORE BEDS AND THEIR ASSAYS.

THREE are two parallel veins on this property, one of from four to six feet, and the other twelve to twenty in width. The main vein is a continuation of that which is now being extensively worked with great results by the Scramble Mining Company. This vein is one of the largest in Ontario or British Columbia, being now shown to be forty feet in width at a depth of sixty feet at the Scramble Mine. This mine is now being fully equipped for the production of ore in large quantities.

Eight assays have been made from the PRINCESS and the two adjoining mines, by Mr. J. F. Latimer, Assayer, Toronto, with the following results:

**Result of
Assays.**

Specimen No. 1.....	\$2,746 00 per ton.
" " 2.....	52 50 " "
" " 3.....	233 00 " "
" " 4.....	2 50 " "
" " 5.....	3 00 " "
" " 6.....	113 66 " "
" " 7.....	47 60 " "
" " 8.....	26 46 " "

Leaving out No. 1 specimen, which is phenomenal, the average of the rest of the assays is \$68.38.

**Cost of
Production.**

The cost of mining and milling of this "free milling" ore will not exceed \$5 per ton (Mr. Halstead puts it at \$2.50). In Rossland, B.C., where the ore is "refractory," the cost is said to be from \$18 to \$20 per ton.

EXPERT EVIDENCE.

IT is interesting to note the history of the discovery of this mine, and the cumulative evidence as to the value of this property.

**Discovery
of the
Location
by Mr.
Wallace.**

It was discovered in 1894 by Mr. Wallace, a well known mining expert, whose reputation at the Ontario Bureau of Mines is of the highest. In his letter, dated October 20th, 1894, he thus speaks of Location 118 D (PRINCESS Mine):—

"I wish to bring to your immediate attention a property adjoining yours to the east, as I have in the above sketch, and would strongly recommend you to have a survey made of it without delay. I traced the vein as I have shown on your property, and discovered a splendid outcropping vein, a true fissure, about eight feet in width, for upwards of 2,000 feet, and took samples of the vein matter which was rich in free gold, but as I had no tools to put in some work, only a prospecting pick, I could do no work. I have had a very large experience in mining over a period

His Prophecy.

of forty years, and I do not hesitate to say that I never saw a more promising vein, and I have no doubt but when work has been done will prove a perfect BONANZA GOLD PROPERTY. I am prepared to stake my mining reputation on the result."

Mr. S. V. Halstead, of Rat Portage, now the manager of the Scramble Mine, thus writes of the PRINCESS Location (118 D), in a letter dated June 11th, 1896.

Mr. S. V. Halstead's opinion of the Princess.

"Yours of the 8th at hand, and I hasten to reply by to-day's mail. Do you know that the vein on 118 D, as you have it marked, is on a straight line and is a continuation of the Scramble vein, of which you must have heard. I mail you a copy of *The Colonist*, with an article marked relating to the Scramble. This will save at present from giving you an account myself. For the last four months, I think, and it is generally thought, that there is nothing found in the country greater than the Scramble. The vein, though seldom showing on the surface, is straight for miles east and west, and everything is taken up for eight miles on the line of the vein. At every place that it is found it shows a width of from twenty to thirty feet and more, and in some places it is wonderfully rich. It has been found, and is taken up, directly east of 118 D [now the Haycock Mine], and the vein is wonderfully rich there."

The following letter from Mr. Halstead, dated September 18th, 1896, was in answer to one asking as to the ore of the Scramble Mine. He says:

The ore
on the
Scramble
Mine.

"I presume that what you particularly desire to know is the value of the ore as we have found it by the various tests made. I may say that from about 22 tests made from ore taken from the shaft, the average value has been *over* \$64 per ton. This includes assays and tests by various processes from samples of 5 lbs. up to two-ton shipments, and also includes the richest ore along with the lowest grade. From a 2½-ton lot treated in Waverley, N.J., exclusive of any of the rich ore, and being what we considered the lowest grade, the result was \$12.60 per ton, and this is the basis upon which we estimate the value of our ore body. These very rich chutes or pockets may or may not be continuous or of frequent occurrence. If they are, the average value will of course be greatly increased, but in my experience I have learned that it is very unsafe to calculate upon anything beyond what development work actually determines."

The assays and the following report of Mr. Williams, which carries conviction with it, are ample justification of the opinions above advanced.

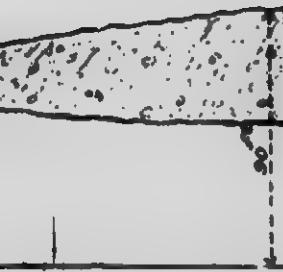


— PROPOSED PLAN OF DEVELOPMENT —

— ON PRINCESS GOLD MINE 118 D. —



2008 March



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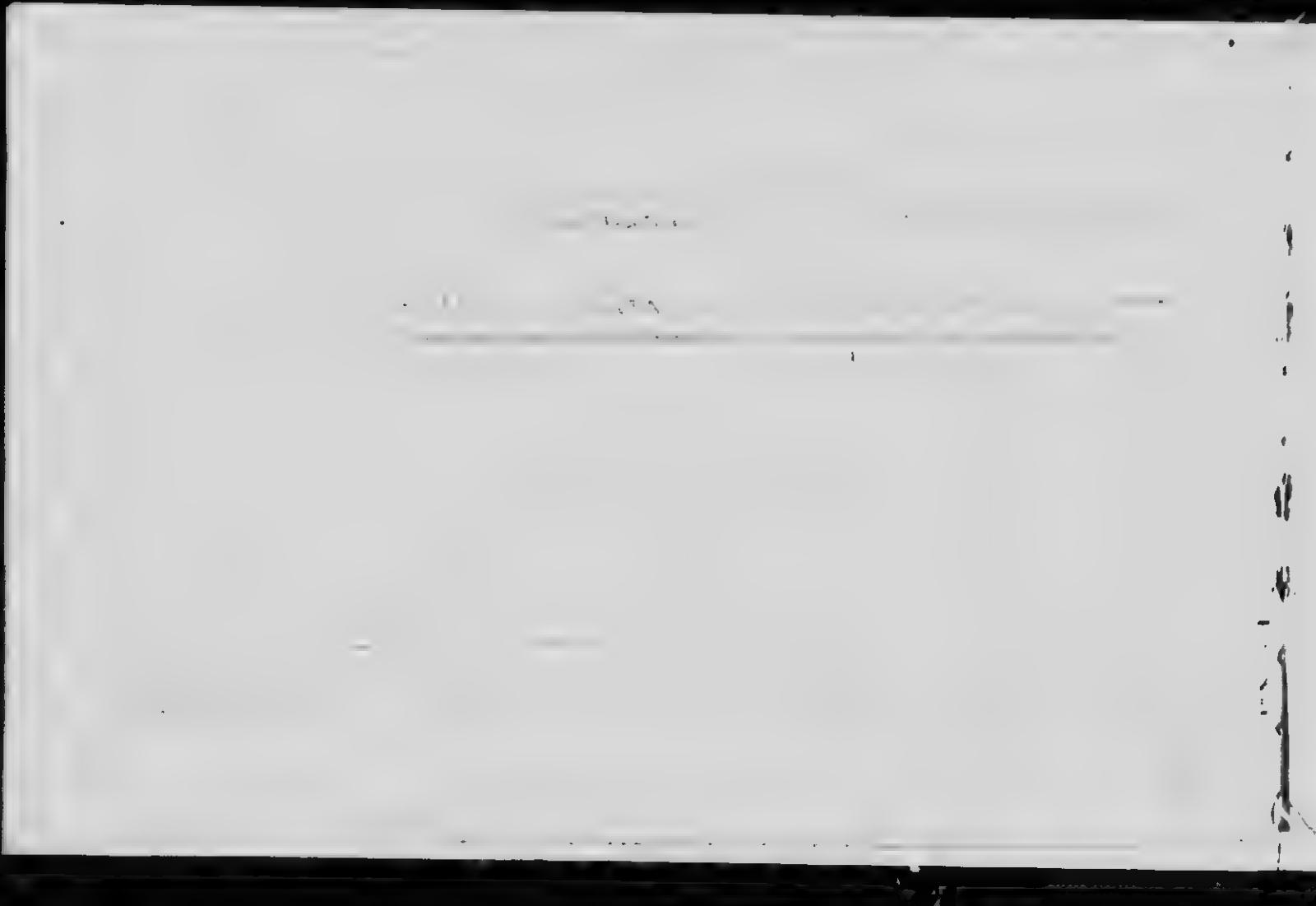


A photograph of a rectangular metal plate. The top portion of the plate has some faint, illegible markings that may be stamped or engraved. The bottom portion of the plate is blank.

A small, rectangular piece of paper with handwritten text and a stamp.

- + - North Boundary Line

BENSON



REPORT OF MR. WILLIAMS, MINING ENGINEER.

THIS property has recently been inspected by Mr. Z. J. S. Williams, Mining engineer, a gentleman of wide experience in gold mining in all parts of the world (mem. hereafter given.)

His report on the PRINCESS Mine (118 D) which is given in full, speaks for itself:

"I have carefully examined Mining Location 118 D, and now beg to submit the following report :

Description



Property.

**Veins and
Ores.**

This Location, containing 153 acres, is situated north of the C. P. Railway seven and a half miles east of Rat Portage, and distant about two and a half miles north of Rossland station. The property is bordered on the south by the El Divir Mine, on which a shaft has been sunk on one of the veins (as shown on accompanying plan) to the depth of 70 feet, with very satisfactory results, the ore averaging in value \$25 per ton; and to the north by the Conson Location, lot 11 in Concession 6, Township of Jaffray.

Still farther to the south-west than the El Divir is the famous Scramble Mine, opened on the same vein that runs through the 118 D property. They have a shaft down 60 feet, and a cross cut through the vein, proven to be 40 feet in width, of an average yield of \$30 ore, some of the samples assaying as high as \$1,500 per ton of 2,000 lbs. This Company are now making preparations to put in a 20-head stamp mill.

I traced the vein formation (which is in the contact between chloritic slate and granite) from the Scramble Mine, through the El Divir to the location 118 D, through which it passes the whole south-east portion of the property (as shown on plan) to the Benson shaft, now down 30 feet with good results. At this point the vein is covered by 30 feet of sand and boulders, but as the vein crops out still further north there is no difficulty in locating the vein at any point on its continuation through the different locations.

Benson's shaft is only 250 feet from the north boundary line of Location 118 D.

Two Parallel Veins.

Facilities for Working.

This property has also a parallel vein 250 feet north of the main vein, varying from 4 feet to 6 feet in width of good grade ore, about \$20 per ton, and which will, in all probability, be found to be part of the main vein in depth, but too little has yet been done on either of these veins to correctly determine their true dip.

To the north of the Location is Black Sturgeon Lake, where there is a magnificent mill site, with a good grade from the points on plan marked P. S. (viz., proposed shafts), from which an incline tramway can be laid, the full cars of ore bringing up the empties from the mill.

There is ample wood on the Location for all mining purposes, for several years.

Taking the average width of vein at 12 feet (which is considerably below the average where opened out), two shafts sunk to the depth of 90 feet (which I strongly advise being done), these two shafts being 500 feet apart, would give the following result :—60 ft. x 500 ft. x 12 ft. = 360,000 cubic feet ; 20 c. f. gives 18,000 tons of ore [which would be but a beginning of the

enormous quantity of ore contained in a vein half a mile in length and of as yet undiscovered depth.] This small cutting at \$20 per ton would produce \$380,000.

First Year's Expense and Profits.	The cost of sinking the shaft I estimate at.....	\$ 3,000 00
	The drifting at \$10 per foot...	5,000 00
	Hoisting engine, etc.	1,000 00
	Incidental expenses.....	1,000 00
	Making a total of...	\$ 10,000 00
	A good mill can be erected on the property for about	10,000 00
	Total	\$20,000 00

This, which is a conservative estimate, will leave, as shown, the *splendid profit of, say \$300,000.* Allowing for other outside expenses such as buildings, roads, etc., the capital of \$25,000 should be ample to place the mine in the position above mentioned. This work can be done in nine months, so that if the work is commenced at once, by the first of June next the mine would be in a good paying condition.

The fact of the vein having been opened to the north-east and south-west of the Location, with no visible fault of the vein formation at any point, is convincing proof of its great value through the Location 118 D, which only requires judicious development to place it in the *best of good paying mines.* I have been over the district and examined all the richest discoveries for the past three years, and all the mines now at work, and I can assure you this property promises to be *one of the best in the district.*

The ore on these veins is *perfectly free milling*, being composed of a clear blue quartz, carrying a very moderate percentage of iron pyrites and magnetic iron. So that at least 85 per cent. of the gold contents should be saved on the plates by amalgamation and ten per cent. in the concentrates by frue-vanners.

By using this system of treatment, viz., stamp mill and frue-vanners, the cost of milling should not exceed \$4 per ton. Mining and other expenses after the shafts and line are opened should not exceed \$2.50 per ton, so that with ore of \$20 per ton, which is a very low estimate, there will be a *profit of \$13.50 per ton* of ore treated. [Mr. Halstead's estimate is a total of \$2.50, which would make the profits \$17.50 per ton, instead of \$13.50]

**Promise of
Lasting
Success.** In conclusion, I beg to state that in three years' experience in this district, and over thirty years in mining, I have very seldom had the pleasure of examining a property that shows such *promise of a lasting success* as this does.

The advantages for working are exceptionally good, being near both the railway and the town of Rat Portage, from whence supplies can be had at low prices. There is a good government road from the town to the mine, that for an outlay of about \$200 can be repaired so that a team can take good loads all the year through, while machinery can be taken to the Location by water during the summer months with only one short portage of about three hundred yards.

Samples of the vein sent by express to-day, showing nature and quality of the rock that I took myself.

Yours faithfully,

Z. J. S. WILLIAMS, M.E."

**Reliability
of above
Report.**

Intending subscribers who do not know the qualifications of Mr. Williams might like to see his business record, which is as follows :—

After leaving school he had two years active work at South Tolgs Mine, in Cornwall, where, under his father and other mining engineers, he learned mine surveying as well as practical mining and assaying. He was employed and sent out to Sardinia by the great mining firm of John Taylor & Sons, 6 Queen Street Place, London, as assistant to Mr. R. W. Pickard, their General Manager. He remained in their service from 1863 to 1874. During this time he had charge of several mines, both on the island and main land. From 1874 to 1877 he was at the Monte Pinna Mines as mining engineer and general manager. In 1878 he had charge of the Odevales Mines in Portugal, visiting and reporting, while there, on a good many mines in Spain. Returning to England he was, through the Taylors, sent to Canada by the Canadian Phosphate Co., as their general manager. Since then he opened the Echo Lake Mine, and had charge of the famous Beaver Mine, as mine superintendent, from which, between 1884 and the time it was closed in 1891, he took out \$750,000 of silver. He has had three years experience in the gold district of Rainy River, having been superintendent of the Gold Hill Mine and consulting engineer at the Sultana Mine, etc., etc.

**General
Result.**

**Ontario
Companies
Preferable.**

CONCLUSION.

THE above accumulation of testimony, and the practical result of the assays as given above, warrant the belief that the property will prove to be one of the most valuable yet placed upon the market.

The Mine, its Head Office and its management are all within Ontario, and accessible to shareholders at all times. It is not many of the shareholders of the bulky companies organized for British Columbia in Washington Territory, U.S., that could afford to go across the continent to attend a shareholders' meeting. In such concerns small holders are too much in the hands of large foreign operators.

The present Board of Directors will use their best exertions to manage the company with energy and economy. They remain in office until the first annual meeting. At this meeting the shareholders will be invited to ask any questions, and make any suggestions for the benefit of all concerned, that may occur to them.

We have on file a certificate from the Solicitors of the Company that the title is perfect, being a Crown grant, free of incumbrance. The shares are unassessable, and the holders are free from personal liability, the charter being issued under the Mining Act of 1894.

PELLATT & PELLATT

MEMBERS OF THE TORONTO
STOCK EXCHANGE



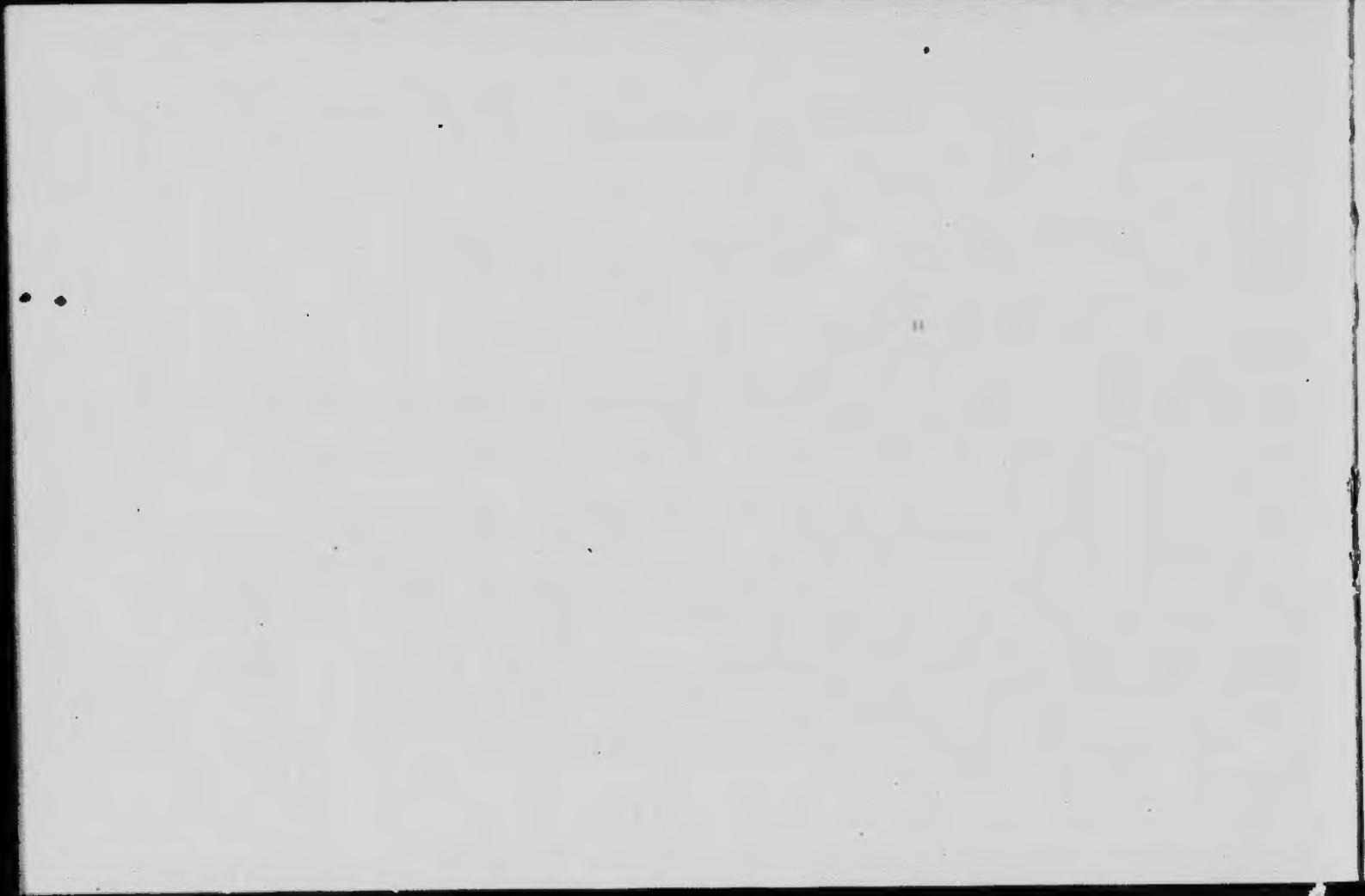
38 KING STREET EAST,
TORONTO, ONT.

AGENTS FOR

The Princess Gold Mining Company of Ontario, Limited

MINING STOCKS BOUGHT AND SOLD AT
CLOSEST QUOTATIONS

CORRESPONDENCE SOLICITED





Anglo-Canadian Mining Exchange, Ltd.

HEAD OFFICES: 108 MCKINNON BUILDING,
TORONTO, ONT.



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"ACOME, TORONTO."

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AND AT RAT PORTAGE, ONT., &c.

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The Exchange acts as a bureau of information on all mining matters, and acts as agents for the purchase and sale of mining stocks in good companies.

54 It offers only such properties and stocks as, after careful examination, may be recommended as safe.

Correspondence solicited.

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GEO. GURD, *Secretary.*

